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Reply to Office Action of July 15, 2005

Amendments to the Claims:

Please delete claims 1–54.

Please add new claims 55–88.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.–54. (Cancelled).

55. (New) An object-oriented software system, comprising:

an execution environment;

a first inspector object, executable within the execution environment, configurable to communicate with a method of a first application object executing in the execution environment independently of the first inspector object, to modify a first attribute of the first application object;

a first inspector document, associated with the first inspector object, configurable to describe the first attribute of the first application object; and

a server configured to add the first application object, the first inspector object, and the first inspector document to the execution environment, to provide a user interface to the first inspector object, and to configure the first inspector object and the first inspector document for communication with the first application object.

56. (New) The object-oriented software system of claim 55, further comprising:

a second inspector object, configurable to communicate with the first application object to change a second attribute of the first application object; and

a second inspector document, associated with the second inspector object, configurable to describe the second attribute of the first application object.

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57. (New) The object-oriented software system of claim 55,
wherein the first inspector object is further configurable to communicate with a method of a second application object executing in the execution environment independently of the first inspector object, to modify an attribute of the second application object,

wherein the first inspector document is further configurable to describe the attribute of the second application object, and

wherein the server is further configured to configure the first inspector object and the first inspector document for communication with the second application object.

58. (New) The object-oriented software system of claim 55, further comprising:

a second inspector document, associated with the first inspector object,

wherein the first inspector object is further configurable to communicate with a method of a second application object executing in the execution environment independently of the first inspector object, to modify an attribute of the second application object,

wherein the second inspector document is configurable to describe the attribute of the second application object, and

wherein the server is further configured to configure the first inspector object and the second inspector document for communication with the second application object.

59. (New) The object-oriented software system of claim 55, further comprising:

a plurality of application objects, executing in the execution environment independently of the first inspector object,

wherein the document server is further configured for searching and identifying each of the plurality of application objects having a common attribute selected for modification, to allow selective modification of each of the identified application objects:

60. (New) The object-oriented software system of claim 55, wherein the inspector is configured to generate a display of the first attribute.

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61. (New) The object-oriented software system of claim 55, wherein the method of the first application object modifies the first attribute.

62. (New) The object-oriented system of claim 55, further comprising:
means for archiving the first application object as modified by communication between the first inspector object and the first application object.

63. (New) The object-oriented system of claim 62, further comprising:
means for retrieving the first application object as archived by the means for archiving.

64. (New) The object-oriented system of claim 55, wherein the execution environment comprises a web browser.

65. (New) The object-oriented system of claim 55, wherein the first attribute is a visual attribute of the first application object.

66. (New) The object-oriented system of claim 55, wherein the communication between the first inspector object and the first application object modifies the first attribute to be conditionally dependent on a characteristic of the execution environment.

67. (New) The object-oriented system of claim 55, further comprising:
an inventory of application objects executing in the execution environment, maintained by the server.

68. (New) The object-oriented system of claim 55, the server further configured to select the first inspector object from a plurality of inspector objects managed by the server, the server selecting the first inspector object depending on the first application object and instantiating the first inspector object in the execution environment.

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69. (New) The object-oriented system of claim 55, further comprising:
a library of objects,
wherein the server is configured to select and instantiate objects from the library of objects for execution in the execution environment.
70. (New) The object-oriented system of claim 55, wherein the server is further configured to maintain a history of modifications made to the first attribute.
71. (New) An object oriented software system, comprising:
an execution environment;
a plurality of inspector objects, each executable within the execution environment, and each configurable to communicate with a method of a corresponding application object executing in the execution environment independently of the plurality of inspector objects, each of the plurality of inspector objects configured to request the corresponding application object to modify an attribute of the corresponding application object;
a plurality of inspector documents, each associated with one of the plurality of inspector objects, each configurable to describe the attribute of the corresponding application object; and
a server configured to select and instantiate application objects, inspector objects, and inspector document in the execution environment, to provide a user interface to the each of the inspector objects, and to configure each of the inspector objects and the inspector documents for communication with the corresponding application object.
72. (New) The object-oriented system of claim 71, further comprising:
a library of objects, the server selecting the application objects, inspector objects, and inspector documents from the library of objects.
73. (New) The object oriented system of claim 71, where the attribute is an operational attribute of the corresponding application object.

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74. (New) The object-oriented system of claim 71, wherein the server is remote to the execution environment.

75. (New) The object-oriented system of claim 71, wherein the server communicates with the execution environment via a network communication protocol.

76. (New) The object-oriented system of claim 71, wherein a first inspector object of the plurality of inspector objects is configured to determine attributes of a first corresponding application object.

77. (New) A method of manipulating objects in an execution environment comprising:

- executing an application object in a first execution environment;
- selecting an inspector object for modifying an attribute of the application object;
- executing the selected inspector object in the execution environment independent of the application object;
- selecting an inspector document corresponding to the inspector object and configured to describe the attribute of the application object;
- communicating between the inspector object and the application object using the inspector document, modifying an attribute of the application object; and
- archiving the application object as modified.

78. (New) The method of claim 77, further comprising:

- de-archiving the application object;
- executing the de-archived application object in a second execution environment, the second execution environment independent of the first execution environment.

79. (New) The method of claim 77, further comprising:

- storing the application object in a library of objects;
- selecting the application object in the library; and

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deploying the application object into the execution environment from the library.

80. (New) The method of claim 77, further comprising:
customizing the inspector document for the application object.

81. (New) The method of claim 77, the step of selecting an inspector object comprising:
presenting a plurality of inspector objects to a user; and
selecting the inspector object from the list of inspector objects.

82. (New) The method of claim 77, the step of selecting an inspector object comprising:
providing a server in communication with the execution environment;
identifying attributes of the application object by the server; and
automatically selecting an inspector object corresponding to the attributes identified by the server.

83. (New) The method of claim 77, the step of accessing an inspector document comprising:
dynamically discovering attributes of the application object by the inspector object;
creating an inspector document corresponding to the discovered attributes; and
associating the inspector object with the inspector document.

84. (New) The method of claim 77, the step of selecting an inspector object comprising:
assembling a new inspector object; and
selecting the new inspector object as the inspector object,
wherein the step of assembling a new inspector object is performed without any additional coding.

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85. (New) An object-oriented software system, comprising:
an execution environment;
a library of application objects;
a server, configured to selectively deploy a first application object and a second application object from the library of application objects into the execution environment, the first application object and the second application object executing in the execution environment independently of the server upon deployment by the server, the server further configured to assemble the first application object and the second application object into an application and to modify attributes of the first application object and the second application object,
wherein the first application object and the second application object have no predetermined relationship with each other.
86. (New) The object-oriented software system of claim 85, further comprising:
an inspector object, executing independently of the first application object and the second application object and configured by the server for modification of attributes of the first application object.
87. (New) The object-oriented software system of claim 86, further comprising:
an inspector document,
wherein the server is further configured to discover attributes of the first application object, and
wherein the server is further configured to configure the inspector document to describe a first attribute of the attributes of the first application object discovered by the server, and
wherein the inspector object is configured to use the inspector document to selectively modify the first attribute.

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88. (New) The object-oriented software system of claim 86, further comprising:
an inspector document, associated with the inspector object and configured to
describe a first attribute of the first application object,
wherein the inspector object is configured to use the inspector document to
selectively modify the first attribute.